

CLAIMS

1. (Amended) A disassembling method for disassembling a washing machine, the washing machine including:

5 a vessel formed of resin and including a water tub;

a driven unit including a dehydration tub and making a rotational movement in said vessel; and

a drive unit including at least one of a motor and a reduction-gear unit, said drive unit being connected through a coupling rod to said driven unit and disposed on the
10 outside of said vessel, and

the method comprising a release step of applying force, along the axial direction of said coupling rod, in the direction of separating said drive unit and said driven unit from each other to release the connection between said drive unit and said driven unit, wherein

15 said release step is carried out in a state where said coupling rod and said driven unit are secured.

2. The disassembling method for the washing machine according to claim 1, wherein

20 in said release step, said drive unit is held, pressed or caught and said driven unit is held, pressed or caught to separate said drive unit and said driven unit away from each other.

3. The disassembling method for the washing machine according to claim 1, wherein

25 in said release step, said drive unit is held, pressed or caught and said vessel is held, pressed or caught to separate said drive unit and said vessel away from each other.

4. (Amended) The disassembling method for the washing machine according to claim 3, wherein

said release step includes the step of bringing said driven unit into contact with the inside of said vessel, and

5 in said release step, a portion of said vessel with which said driven unit is brought into contact is pressed in the direction opposite to the direction of movement of said driven unit.

10 5. (Amended) The disassembling method for the washing machine according to claim 1, wherein

said release step includes the step of breaking a dehydration-tub flange coupling said coupling rod and said dehydration tub to each other.

15 6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

20 9. (Amended) A disassembling apparatus for disassembling a washing machine, the washing machine including:

a vessel formed of resin;

a driven unit making a rotational movement in said vessel; and

25 a drive unit connected through a coupling rod to said driven unit and disposed on the outside of said vessel,

the apparatus comprising separating means for applying force, along the axial direction of said coupling rod, in the direction of separating said drive unit and said driven unit from each other, and

said separating means including means for stopping one of said vessel or said driven unit and said drive unit and for separating the other from the one.

10. The disassembling apparatus for the washing machine according to claim 9,
5 wherein

said separating means includes:

drive-unit holding means for holding said drive unit;

driven-unit holding means for holding said driven unit; and

10 first moving means for moving, along said axial direction, at least one of said drive-unit holding means and said driven-unit holding means.

11. (Cancelled)

12. The disassembling apparatus for the washing machine according to claim 9,
15 wherein

said separating means includes:

drive-unit grasping means for catching said drive unit;

driven-unit holding means for holding said driven unit; and

20 second moving means for moving, along said axial direction, at least one of said drive-unit grasping means and said driven-unit holding means.

13. (Cancelled)

14. The disassembling apparatus for the washing machine according to claim
25 12, wherein

said drive-unit grasping means includes an open/close hook formed to freely open and close, and said open/close hook has a leading end for catching said drive unit.

15. (Cancelled)

16. The disassembling apparatus for the washing machine according to claim 14, wherein

5 said drive-unit grasping means includes a hook drive unit for pressing said open/close hook in the direction of closing said open/close hook, and
 said hook drive unit is formed to contact said open/close hook without being connected and secured to said open/close hook.

10 17. The disassembling apparatus for the washing machine according to claim 9, wherein

 said separating means includes:

 drive-unit holding means for holding said drive unit;

 vessel holding means for holding said vessel; and

15 third moving means for moving, along said axial direction, at least one of said drive-unit holding means and said vessel holding means.

18. (Cancelled)

20 19. The disassembling apparatus for the washing machine according to claim 9, wherein

 said separating means includes:

 drive-unit grasping means for catching said drive unit;

 vessel pressing means for pressing said vessel; and

25 fourth moving means for moving, along said axial direction, at least one of said drive-unit grasping means and said vessel pressing means.

20. (Cancelled)

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21. The disassembling apparatus for the washing machine according to claim
19, wherein

5 said drive-unit grasping means includes an open/close hook formed to freely
open and close, and said open/close hook has a leading end for catching said drive unit.

22. (Cancelled)

10 23. The disassembling apparatus for the washing machine according to claim
21, wherein

 said drive-unit grasping means includes a hook drive unit for pressing said
open/close hook in the direction of closing said open/close hook, and

 said hook drive unit is formed to contact said open/close hook without being
connected and secured to said open/close hook.

15 24. The disassembling apparatus for the washing machine according to claim
19, wherein

 said vessel pressing means is formed to press said vessel toward one of the sides
in said axial direction, and

20 said drive-unit grasping means is formed to move toward the other side.

25 25. The disassembling apparatus for the washing machine according to claim
24, wherein

 said vessel pressing means includes a press rod formed to press a bottom portion
of said vessel to be disposed.

26. (Cancelled)

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27. (Cancelled)

28. The disassembling apparatus for the washing machine according to claim 9,
said apparatus comprising a table for disposing an object to be disassembled, wherein
5 said table is formed to have a movable mount surface.

29. (Cancelled)

30. The disassembling apparatus for the washing machine according to claim 9,
10 said apparatus comprising a shatterproof plate formed to surround said separating means.

31. A recycled resin recovered using the disassembling apparatus for the
washing machine as recited in claim 9.

15 32. A resin product formed of the recycled resin as recited in claim 31.

33. (Added) A disassembling apparatus for disassembling a washing machine,
the washing machine including:

a vessel formed of resin;

20 a driven unit making a rotational movement in said vessel; and

a drive unit connected through a coupling rod to said driven unit and disposed
on the outside of said vessel,

the apparatus comprising separating means for applying force, along the axial
direction of said coupling rod, in the direction of separating said drive unit and said
25 driven unit from each other, wherein

said separating means is formed to apply said force of at most 940 kg.

34. (Added) The disassembling apparatus for the washing machine according to

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claim 33, said apparatus comprising a table for mounting thereon an object to be disassembled, wherein

said table is formed to have a movable mount surface.

5 35. (Added) The disassembling apparatus for the washing machine according to claim 33, said apparatus comprising a shatterproof plate formed to surround said separating means.

10 36. (Added) A recycled resin recovered using the disassembling apparatus for the washing machine as recited in claim 33.

37. (Added) A resin product formed of the recycled resin as recited in claim 36.